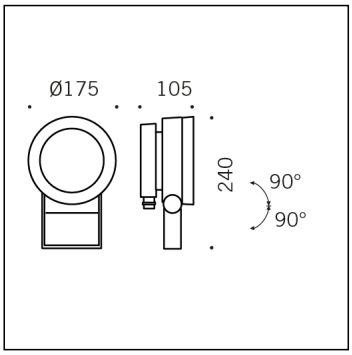
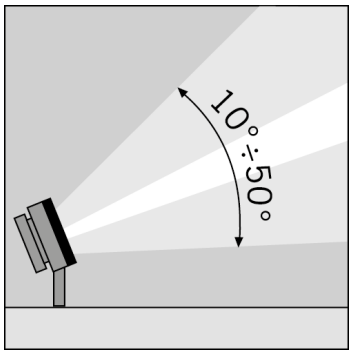
MINIPOINTER DIGITAL BEAM





*Photometric measured using WHITE LED 3000K

NEW
Product is expected to be available from September 2024Version is available on request.

S.2705N.24 (Anthracite grey)

1 module LED 4000K 48Vdc
Spotlights

Light Source Technical Data

Light source type:	LED
Colour temperature:	4000K
Rated module luminous flux:	1453lm
Rated module power:	12.6W
ULR:	0%
Color Rendering Index:	CRI 90
Standard Deviation Color Matching:	MacAdam step 3

Temperature and life time Technical Data

LED Lifetime:	L80 B10 70.000h Ta 25°C L80 B10 50.000h Ta 40°C
Lifespan of the LUMINAIRE:	min. 70.000h Ta 25°C min. 50.000h Ta 40°C
Performance ambient temperature:	Tq 25°C
Operating ambient temperature range:	da -20°C a +50°C
Storage temperature range:	da -20°C a +60°C

Power Supply Technical Data

Voltage (DC): See the SIMES power supply accessories list on the following pages	48Vdc

Technical Installation Data

Electrical insulation class:	III
Protection class IP:	IP66
Mechanical resistance:	IK09
Weight:	3.18Kg

Exclusive distributor for Ireland
Bushell Interiors Ltd - 12 Heaney Ave, Park West - Dublin 12 IRELAND - Tel.: +353 1 6710044 - e-mail: info@bushellinteriors.com

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MINIPOINTER DIGITAL BEAM

S.2705N.24 (Anthracite grey)

SPECS SHEET

LUMINAIRE TYPE
Projector. IP rating IP 66

MATERIAL CHARACTERISTICS
Die-cast EN AB-47100 aluminium housing with high corrosion resistance. Stone wash surface treatment prior to painting process. Stainless steel Allen screws with insulating treatment against galvanic corrosion. Silicone gaskets. Painting Process : 3 Step Process
1) Surface treatment with BONDERITE. A heavy metal free chemical surface treatment containing ceramic nano particles giving a cohesive, inorganic and highly dense protective coating. 2) PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. 3) POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1200h. Mechanical resistance IK 09

LIGHTING PERFORMANCE
LensVectorTM optic technology for digital control of the light beam from 10° to 50°. The Digital Beam technology allows also the control of more light fittings according to the desired scenario to easily recall preset light scenes and transform an outdoor environment adapting it to needs and moments. Clear toughened glass 5mm thick. LOR --

INSTALLATION AND MAINTENANCE
The tempered front glass diffuser is fixed externally to the fitting through silicon resin, perfectly flush with the front ring. Water and dirt deposits that can disturb the lighting performance of the projector can easily flow away.

WIRING
MINIPOINTER, POINTER AND MEGAPOINTER: Luminaire supplied with neoprene 0,5m H05RN-F cable and connector. POINTER RGBW AND MEGAPOINTER RGBW: Luminaire supplied with neoprene 0,5m H05RN-F cable and connector + N°2 DMX 0,5m cables and connectors.. Isolation: CLASS III . Available colours: Anthracite grey (cod.24). Weight: 3.18 Kg Glow Wire test: --
LED module included

REGISTERED DESIGN

This luminaire contains built-in LED modules. In case of damage or malfunction please contact the manufacturer to receive additional instructions on how to replace and relative spare parts to order. The LED modules cannot be handled in the luminaire by the end user.

LED modules are engineered accordingly to the existing regulations of Lumen Maintenance (LM80) and Technical Memorandum (TM21), where uniformity and quality of the light is 70,000 hours referred to L80 B10 Ta 25 ° C (50,000 hours referable to L80 B10 Ta 40°C). Lifespan of the luminaire min. 70.000 hours Ta 25°C, min. 50,000 hours at 40°C. Performance Ambient temperature Tq 25°C. Operating ambient temperature range is from -20°C to +50°C. Storage temperature range from -20°C to +60°C.

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MINIPOINTER DIGITAL BEAM

S.2705N.24 (Anthracite grey)

ACCESSORIES

S.2717
VISOR
In aluminium Colour: black (code 09)

S.2718
SNOOT
In aluminium Colour: black (code 09)

S.2809
POLE BASE COVER
For pole with base and pole to be buried Ø102mm or Ø120mm. Die-cast aluminium housing.
ON REQUEST ADAPTOR for cylindrical poles Ø 60mm or Ø 76mm for S.2809 POLE BASE COVER

S.2448
POWER SUPPLY ON-OFF 40W 230Vac/48Vdc IP67
Power supply for monochromatic LED 40W 240V/48Vdc The Total power of all connected luminaires may not be higher than the power of the driver. IP67 CLASS II SELV Dimensions 150x53x35mm
WE SUGGEST TO USE ONE SURGE PROTECTION DEVICE (S.2499) FOR EACH REMOTE DRIVER AT A DISTANCE OF NO MORE THAN 10m AWAY.

S.1018
FLANGE FOR POLE Ø102mm INSTALLATION
Die-cast aluminium flange suitable only for Ø 102 mm poles. The flange can be used for maximum 2 projectors, one for each side.

S.1084
FLANGE FOR POLE Ø60mm INSTALLATION
Die-cast aluminium flange suitable only for Ø 60 mm poles. The flange can be used for maximum 2 projectors, one for each side.

S.1085
FLANGE FOR POLE Ø76mm INSTALLATION
Die-cast aluminium flange suitable only for Ø76mm poles. The flange can be used for maximum 2 projectors, one for each side.

S.1239
FLANGE FOR POLE Ø120mm INSTALLATION
Die-cast aluminium flange suitable only for Ø 120 mm poles. The flange can be used for maximum 2 projectors, one for each side.

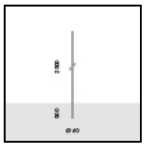
Product is suitable for installation on SIMES poles Ø 120mm Art.S.2826, S.2846, S.2848

S.2840
PLANTED ROOT for CYLINDRICAL POLE S.2846, S.2848
h = 550 mm and bolts in galvanized steel with M16 threads. Suggested reinforced concrete footstall dimension:
A = 0.7 m
B = 1 m

Footstall dimension can be calculated according to your country norms and ground properties.

Footstall dimension can be calculated according to your country norms and ground properties.
WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES : S.2846, S.2848 CYLINDRICAL POLE

S.2849
PLANTED ROOT for CYLINDRICAL POLE S.2801, S.2813, S.2843, S.2845
C= 200mm, D=200mm E=Ø80mm, h=460mm, h1=90mm and bolts in galvanized steel with M16 threads. Suggested reinforced concrete footstall dimension **: A = 0.7 m B = 0.7 m
**Footstall dimension can be calculated according to your country norms and ground properties.
WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES : S.2801, S.2813, S.2843, S.2845 CYLINDRICAL POLE



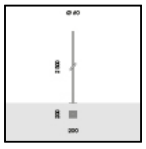
S.2800
H 2,5m Ø60mm CYLINDRICAL POLE TO BE BURIED

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 3mm in thickness, total length 3,00m, single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m: Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content.
POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions.
Resistance test protection for Marine applications for 1500h.



S.2801
H 2,5m Ø60mm CYLINDRICAL POLE WITH BASE

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 3mm in thickness, total length 2,50m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate 250mm x250mm x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content.
POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions.
Resistance test protection for Marine applications for 1500h.

Next ...

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES : S.2849 PLANTED ROOT for CYLINDRICAL POLE

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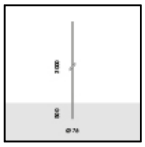
MINIPOINTER DIGITAL BEAM

S.2705N.24 (Anthracite grey)

ACCESSORIES



S.2812
H 3,0m Ø76mm CYLINDRICAL POLE TO BE BURIED

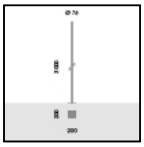
Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 3mm in thickness, total length 3,50m, single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m: Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.



S.2813
H 3,0m Ø76mm CYLINDRICAL POLE WITH BASE

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 3mm in thickness, total length 3,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate 250mm x250mm x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

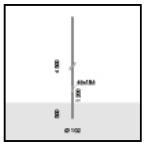
The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2849 PLANTED ROOT for CYLINDRICAL POLE



S.2814
CYLINDRICAL POLE H 4,5m Ø102mm TO BE BURIED

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 102mm, 3mm in thickness, total length 5,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2809 POLE BASE COVER

S.2815
CYLINDRICAL POLEH 6,44m Ø102mm TO BE BURIED

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 102mm, 4mm in thickness, total length 7,24m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,80m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2809 POLE BASE COVER

Next ...

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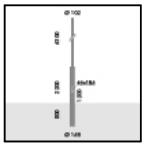
MINIPOINTER DIGITAL BEAM

S.2705N.24 (Anthracite grey)

ACCESSORIES



S.2817
CYLINDRICAL SHAPED POLE H 8,5m Ø 168mm - Ø102mm TO BE BURIED

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 168mm ÷102mm, 4-3mm in thickness, total length 9,3m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

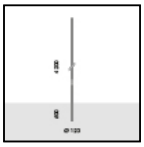
Suitable for ground recessed installation to a cement base 0,80m : Suggested reinforced concrete footstall dimension 1m x 1m h 1m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.



S.2826
H 4,2m Ø120mm CYLINDRICAL POLE TO BE BURIED

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 120mm, 3mm in thickness, total length 4,80m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,60m : Suggested reinforced concrete footstall dimension 0,8m x 0,8m h 0,8m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

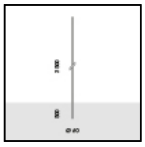
The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

Cap COPE2826PVC.09 already installed.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2809 POLE BASE COVER



S.2842
H 3,5m Ø60mm CYLINDRICAL POLE TO BE BURIED

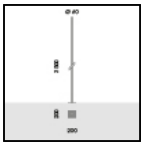
Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 4mm in thickness, total length 4,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,50m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.



S.2843
H 3,5m Ø60mm CYLINDRICAL POLE WITH BASE

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 60mm, 4mm in thickness, total length 3,50m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

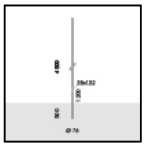
Suitable for installation to a planted root flange through a base plate in steel S355JO Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2849 PLANTED ROOT for CYLINDRICAL POLE



S.2844
H 4,5m Ø76mm CYLINDRICAL POLE TO BE BURIED

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 4mm in thickness, total length 5,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for ground recessed installation to a cement base 0,5m : Suggested reinforced concrete footstall dimension 1,0m x 1,0m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

Next ...

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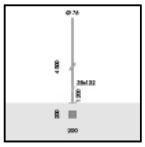
MINIPOINTER DIGITAL BEAM

S.2705N.24 (Anthracite grey)

ACCESSORIES



S.2845
H 4,5m Ø76mm CYLINDRICAL POLE WITH BASE

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 76mm, 4mm in thickness, total length 4,50m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate in steel S355JO Footstall dimension can be calculated according to your country norms and ground properties.

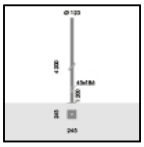
The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2849 PLANTED ROOT for CYLINDRICAL POLE



S.2846
H 4,2m Ø120mm CYLINDRICAL POLE WITH BASE

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 120mm, 3mm in thickness, total length 4,20m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate 250mm x250mm x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1m x 1m h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

Including inspection door, terminal cable block and fuse.

Cap COPE2826PVC.09 already installed.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2840 PLANTED ROOT for CYLINDRICAL POLE
S.2809 POLE BASE COVER

Next ...

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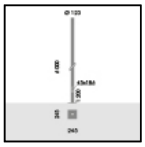
MINIPOINTER DIGITAL BEAM

S.2705N.24 (Anthracite grey)

ACCESSORIES



S.2848
H 6,0m Ø120mm CYLINDRICAL POLE WITH BASE

Cylindrical shaped poles consisting of: straight circular section shaft, Ø 120mm, 3mm in thickness, total length 6,00m , single section built by using longitudinally welded tubes by induction welding (ERW) UNI EN 10219-2-ISO 4200

Suitable for installation to a planted root flange through a base plate 250x250x12mm in steel S355JO : Suggested reinforced concrete footstall dimension 1x1 h 0,7m. Footstall dimension can be calculated according to your country norms and ground properties.

The grade of steel used is S235JR (Fe360B) with material characteristics as per normative UNI EN 10025;

The surface protection treatment is done through hot dip galvanization.

Painting Process: PRE POLYMERIZATION a process of introducing an epoxy primer with excellent characteristics to the paint which also offers very high resistance to oxidation due to its Zinc content. POLYMERIZATION a process with the application of polyester powder with high resistance against UV rays and harsh weather conditions. Resistance test protection for Marine applications for 1500h.

MINISLOT AVANT-GARDE INSTALLED ON S.2848 POLE:
Finished product total height = 7.13 m

Cap COPE2826PVC.09 already installed.

WE RECOMMEND THE USE OF THE FOLLOWING ACCESSORIES :
S.2840 PLANTED ROOT for CYLINDRICAL POLE
S.2809 POLE BASE COVER

S.1005
STAKE
In POLYPROPYLENE. Colour: black (code .09)

Exclusive distributor for Ireland
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